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WHITE RIVER SHALE PROJECT

SOCIOECONOMIC MONITORING REPORT

SECOND QUARTER 1984

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WHITE RIVER SHALE PROJECT

SOCIOECONOMIC MONITORING REPORT

SECOND QUARTER 1984

White River Shale Oil Corporation
June 30, 1984

SUMMARY
WHITE RIVER SHALE PROJECT WORK FORCE
SECOND QUARTER 1984

1. Total Employees

Permanent	15
Temporary	88
	103

2. Marital Status

Single	17
Married, Single Status	8
Married, Family Status	78
No Response	0
	103

3. Location of Residence While on the Project

Jensen	4
Maeser	7
Naples	8
Vernal	81
Other Ashley Valley	30
Lapoint/Tridell	2
Roosevelt	0
On-Site	4
Dinosaur	3
Rangely	1
No Response	3
	103

4. Work Force Origin

Local	23
Nonlocal	80
No Response	0
	103

5. Location of Permanent Residence

Local	
Jensen	1
Maeser	2
Naples	2
Vernal	9
Other Ashley Valley	5
Lapoint/Tridell	2
Roosevelt	0
Dinosaur	2
Rangely	0
No Response	0
	23

New Residents*	
Jensen	2
Maeser	5
Naples	3
Vernal	17
Other Ashley Valley	14
Rangley	1
	42

Nonlocal	
Utah	4
New Mexico	1
North Carolina	4
Colorado	7
Illinois	8
Indiana	2
Kentucky	1
Other	8
No Response	3
	38

6. Type of Residence

Single Family	50
Apartment/ Condominium	25
Mobile Home	19
Recreation Vehicle	6
Motel/Hotel	1
Other	1
No Response	1
	103

7. Employees' Children

(Age)	
0-2	19
3-5	26
6-11	42
12-17	25
	112

8. Job Title

Admin/Clerical/Security	24
Carpenter/Cement	4
Electrician	4
Engineer/Technician	12
Laborer	4
Mechanic	8
Miner	26
Operator	10
Plumber/Welder	1
Supervisor	5
Truck Driver	4
No Response	1
	103

9. Previous Employment Status

Employed	64
Unemployed	32
No Response	7
	103

* Workers on the White River Shale Project that have moved to the area as a result of employment opportunities.

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PREFACE

The White River Shale Oil Corporation (WRSOC) was formed in 1974 by Phillips Petroleum Company, Sohio Shale Oil Company, and Sunoco Energy Development Co. as agent of the three owners to develop Federal Prototype Oil Shale Lease Tracts Ua and Ub. The two tracts are located in Uintah County, Utah, approximately 50 miles southeast of Vernal, Utah (Figure 1). The right to develop the tracts was obtained in June 1974 from the U.S. Department of Interior for a bonus bid of $120.7 million. Covering a total of 10,240 acres, the tracts have recoverable reserves estimated at over 700 million barrels of oil.

In 1977, due to environmental monitoring and title questions, the owner companies asked for suspension of the lease terms. That suspension continued in effect, pursuant to an injunction issued by the Federal District Court in Utah, until March 1982. On-site preparation work began in April 1982. Site work has proceeded since then in preparation for development of a room-and-pillar oil shale mine. This mine and the above-ground processing facilities are scheduled to be developed in three phases. This would involve a 27,000 ton per day mine and shale oil production of about 16,500 barrels per day. Following the completion of Phase I, it is the current goal of the project owners to expand the project facilities in subsequent phases and ultimately to have a production capacity of 106,000 barrels per day in place on the leased tracts. At this level, the mine would produce 176,000 tons per day of oil shale.

It is the intention of the White River Shale Oil Corporation to cooperate with and assist public and private organizations in anticipating and mitigating socioeconomic impacts related to the White River Shale Project (WRSP). In keeping with this policy, WRSOC has established a process for monitoring the shale project's socioeconomic impacts in Utah and western Colorado. The information obtained through this monitoring process constitutes an important component of the WRSP impact mitigation program.

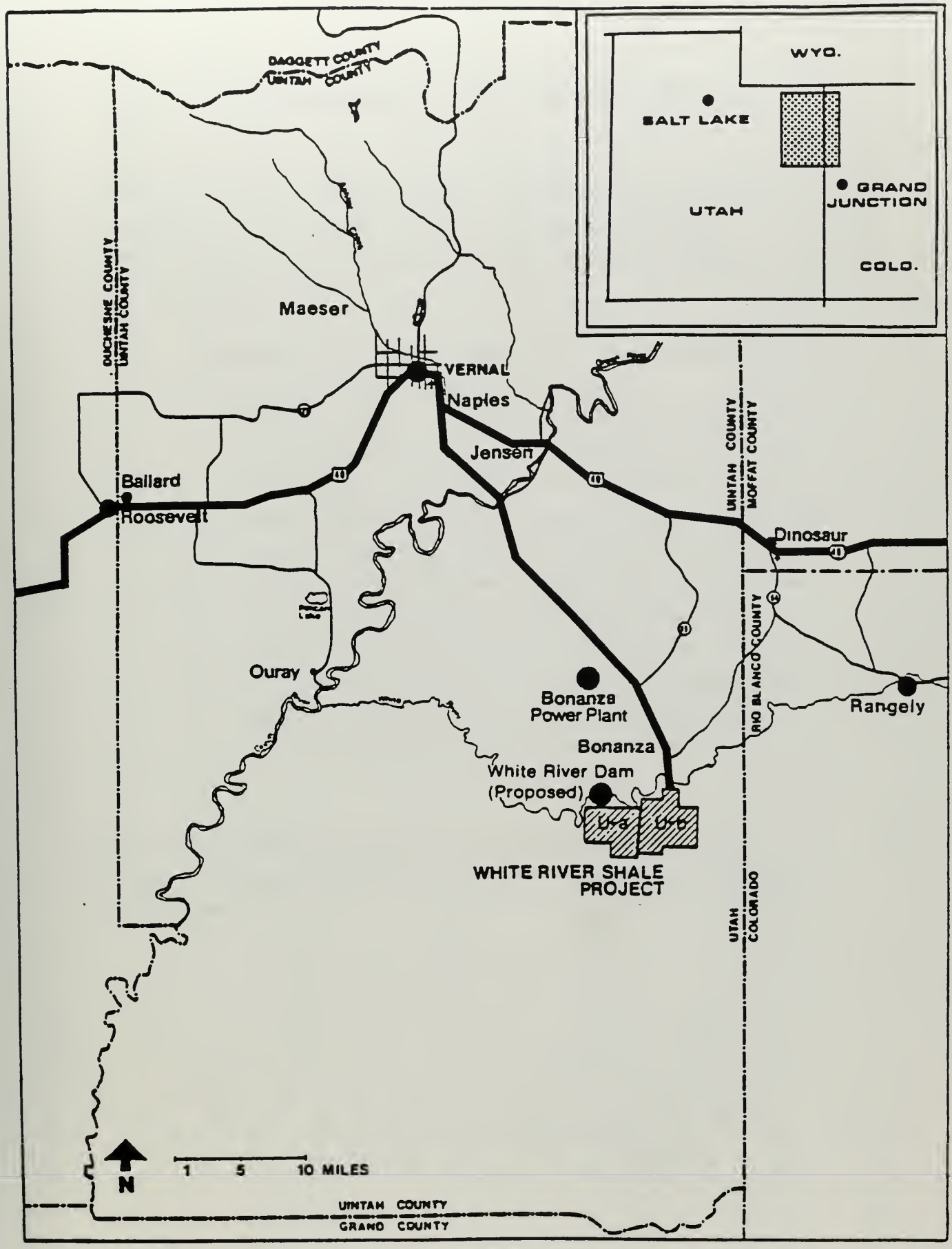

FIGURE 1: WRSP Impact Region

I. DEVELOPMENTS AT THE PROJECT SITE

During the quarter, mine development continued with significant advancement in the decline, vertical drift and underground curvilinear access ramp. (see Figure 2). Additional detail is provided below:

1. Construction of Decline, Shaft and Related Facilities
   Contractor: Frontier-Kemper Constructors
   Description of Work: Includes sinking of a declining underground tunnel from the surface to the shale mining zone, sinking of a vertical ventilation shaft, and construction of an underground access ramp that connects the two. Construction of the vertical drift extending from the test station at the bottom of the ventilation shaft to the crushing station at the bottom of the decline is virtually complete. As of June 30, the decline had reached its projected total length of 4761 feet and the shaft had reached its projected depth of approximately 1,010 feet.

In the third quarter of 1984, mine development activities will continue. No other projects are scheduled to commence during the third quarter.

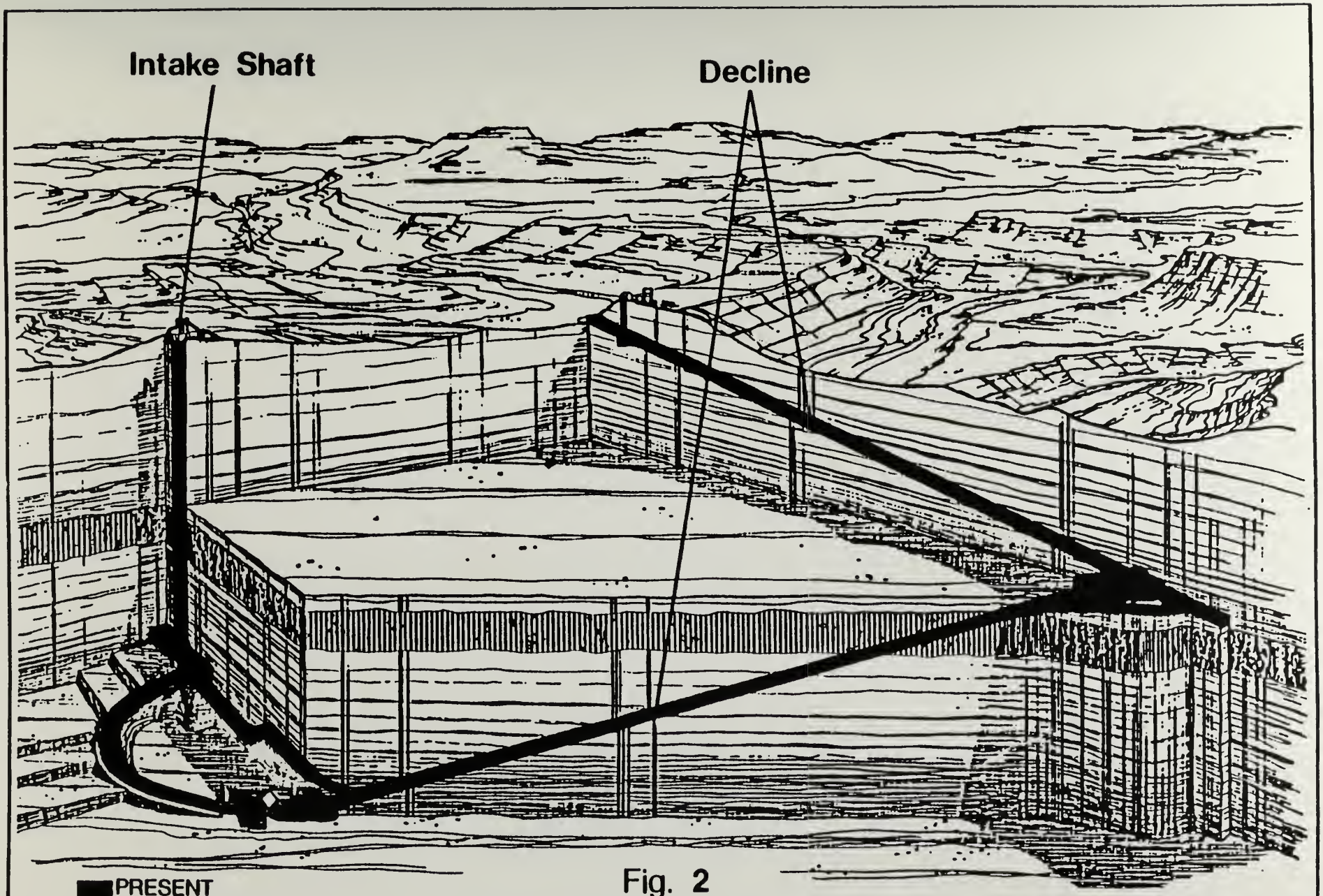

Fig. 2

WHITE RIVER SHALE PROJECT

PHASE 1 PRODUCTION DECLINE & AIR INTAKE SHAFT

II. MONITORING DATA SUMMARY

Table I presents the results of a questionnaire compiled for the 103 persons employed on the White River Shale Project. Each person completed the questionnaire at the time he or she began work on the WRSP, and all workers updated their questionnaires in December 1983.

Table I

WRSP EMPLOYEE MONITORING DATA
SUMMARY
June 30, 1984

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
A. GENERAL				
Permanent Employees	15	15%	15	10%
Temporary Employees	88	85%	137	90%
Total Current Employees	103	100%	152	100%
B. AGE				
18-25	20	19%	31	20%
26-30	19	18%	29	19%
31-35	24	23%	33	22%
36-40	16	16%	25	16%
41-45	7	7%	13	9%
46-50	10	10%	11	7%
51-55	6	6%	7	5%
Over 56	1	1%	3	2%
No Response	0	0%	0	0%
Totals	103	100%	152	100%
Median Age:	32 Yrs.		31 Yrs.	
C. MARITAL STATUS				
Single	17	17%	28	18%
Married, Single Status	8	8%	20	13%
Married, Family Status	78	76%	104	68%
No Response	0	0%	0	0%
Totals	103	101%*	152	99%

* Is not 100% due to rounding.

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
D. RESIDENTIAL LOCATION				
Jensen	4	4%	5	3%
Maeser	7	7%	8	5%
Naples	8	8%	10	7%
Vernal	41	40%	75	49%
Other Ashley Valley	30	29%	35	23%
Lapoint/Tridell	2	1%	2	1%
Roosevelt	0	0%	0	0%
On-site	4	4%	7	5%
Dinosaur	3	3%	3	2%
Rangely	1	1%	0	0%
No Response	3	3%	7	5%
Totals	103	100%	152	100%
E. PRESENT HOUSING				
Single Family Home	50	49%	56	37%
Apartment/Condominium	25	24%	45	30%
Mobile Home	19	18%	28	18%
Recreational Vehicle	6	6%	15	10%
Motel/Hotel	1	1%	5	3%
Other	1	1%	1	1%
No Response	1	1%	2	1%
Totals	103	100%	152	100%
F. PREFERRED HOUSING				
Single Family Home	63	61%	77	51%
Apartment/Condominium	16	16%	33	22%
Mobile Home	10	10%	15	10%
Recreational Vehicle	4	4%	9	6%
Construction Camp/ Modular Housing	1	1%	1	1%
Motel/Hotel	0	0%	1	1%
Other	0	0%	0	0%
No Response	9	9%	16	11%
Totals	103	101%*	152	102%
G. ORIGIN OF WORK FORCE				
Local	23	22%	27	18%
Nonlocal	80	78%	125	82%
No Response	0	0%	0	0%
Totals	103	100%	152	100%

* Is not 100% due to rounding.

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
H. PERMANENT RESIDENCES				
Local Work Force				
Jensen	1	4%	1	4%
Maeser	2	9%	2	7%
Naples	2	9%	2	7%
Vernal	9	39%	13	48%
Other Ashley Valley	5	22%	5	19%
Lapoint/Tridell	2	8%	2	8%
Roosevelt	0	0%	0	0%
Dinosaur	2	8%	2	8%
Rangely	0	0%	0	0%
No Response	0	0%	0	0%
Totals	23	99%*	27	101%*
New Residents**				
Jensen	2	5%	3	6%
Maeser	5	12%	6	13%
Naples	3	7%	4	8%
Vernal	17	40%	23	44%
Other Ashley Valley	14	33%	15	29%
Rangely	1	2%	0	0%
Totals	42	99%*	51	100%*
Nonlocal Work Force				
Arizona	1	3%	2	3%
California	1	3%	1	1%
Colorado	7	18%	7	9%
Illinois	8	21%	8	11%
Indiana	2	5%	3	4%
Kentucky	1	3%	3	4%
Montana	1	3%	1	1%
New Mexico	1	3%	2	3%
North Carolina	4	11%	8	11%
Virginia	2	5%	2	3%
Wyoming	0	0%	1	1%
Other	4	11%	13	18%
Utah	3	8%	17	23%
No Response	3	8%	6	8%
Totals	38	102%*	74	100%*

* Is not 100% due to rounding.

** Workers on the White River Shale Project that have moved to the area as a result of employment opportunities.

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Children	% of Total	Number of Children	% of Total
I. EMPLOYEES' CHILDREN PRESENT, BY AGE				
0-2 Years	19	17%	33	23%
3-5 Years	26	23%	36	25%
6-11 Years	42	38%	44	31%
12-17 Years	25	22%	30	21%
Totals	112	100%	141	100%
Median Age:	7 Yrs.		7 Yrs.	

	Number of Workers	% of Work Force	Number of Workers	% of Work Force
J. PREVIOUS EMPLOYMENT STATUS				
Employed	64	62%	75	49%
Unemployed	32	31%	65	43%
No Response	7	7%	12	8%
Totals	103	100%	152	100%
K. PLANS TO MOVE FAMILY TO AREA				
Plan to Move Family	13	13%	24	16%
Don't Plan to Move Family	15	15%	27	18%
Family Already in Area	62	60%	75	49%
No Response	13	13%	26	17%
Totals	103	101%*	152	100%

* Is not 100% due to rounding.

	CURRENT QUARTER		PREVIOUS QUARTER	
	Number of Workers	% of Work Force	Number of Workers	% of Work Force
L. JOB TITLE				
Admin/Security	20	20%	20	13%
Carpenter	3	3%	2	1%
Cement Finisher	1	1%	0	0%
Clerical	4	4%	5	3%
Electrician	4	4%	4	3%
Engineer	10	10%	12	8%
Laborer	4	4%	8	5%
Mechanic	8	8%	13	8%
Miner	26	25%	51	34%
Operator	10	10%	15	10%
Supervisor	5	5%	7	5%
Technician	2	2%	2	1%
Truck Driver	4	4%	6	4%
Welder	1	1%	2	1%
Other	0	0%	1	1%
No Response	1	1%	4	3%
Totals	103	102%*	152	101%*
M. TRAVEL TO WORK				
Drive Alone	38	37%	54	36%
Car Pool	59	57%	89	59%
Other	6	6%	8	5%
No Response	0	0%	1	1%
Totals	103	100%	152	100%

* Is not 100% due to rounding.

III. LOCAL IMPACT ANALYSIS

A question and concern to many local officials is the socioeconomic impact caused by the development of the WRSP on their particular city or district. This section describes the general population impacts as determined by the WRSP monitoring program and focuses on municipalities, water and sewer districts, and school districts. The information presented in this section is derived from Tables II-IX which follow this section.

A. Incorporated Cities

Vernal

There are presently 41 WRSP workers living in Vernal. Of the 41, eight are local workers, while another 17 have established permanent residences in Vernal since coming to the project. Approximately 30% of the nonlocal workers are single or single status. Of the 41 that live in Vernal, 19 live in single-family homes, 10 live in apartments, 15 live in mobile homes, with the remainder in motels or other accommodations. The total population of WRSP workers and dependents in Vernal City is 122.

Naples

Eight WRSP workers reside in Naples. Of that eight, two are local, three are new residents, while the other three are nonlocal workers. Three of the workers in Naples reside in apartments, while another four are in single-family homes. The total population of WRSP workers and dependents in Naples is 19.

Other Incorporated Cities

Three WRSP workers reside in Dinosaur, Colorado. Two workers on the project are living in the Lapoint/Tridell area. One worker is commuting from the Town of Rangely this quarter.

B. Unincorporated Areas

Ashley Valley

In the Ashley Valley, the unincorporated area includes all of the area that is not a part of the cities of Vernal and Naples. At present, 41 WRSP workers live in the unincorporated area. Of that 41, eight are local workers and 33 are nonlocal. Over 80% of these workers are married and have their families with them, with the remaining workers being single or single-status. Total population of WRSP workers and dependents in the unincorporated area is 132.

C. Water and Sewer Districts

Jensen Water District

The Jensen Water District has four WRSP workers living within its boundaries. Of the four, all are married workers and are accompanied by their families. One of the four is a local worker. For housing accommodations, two workers live in single-family homes, while the other two live in mobile homes. Total population of WRSP workers and dependents in Jensen is 19.

Maeser Water District

At present, seven WRSP workers live within the Maeser District. Six of the seven are accompanied by their families and live in single-family homes. Two of the seven workers are local workers, and the other five now show Maeser as their permanent residence. Total population of WRSP workers and dependents in Maeser is 23.

Ashley Valley Water and Sewer District

The Ashley Valley Water and Sewer Improvement District (AVWSID) is referred to in the monitoring report as "Other Ashley Valley." There are currently 30 WRSP workers living in the AVWSID; six are local and 24 are nonlocal. Of the 24 nonlocal workers, one is single-status, three are single, and 20 are accompanied by

their families. Eighteen of the workers in the AVWSID live in single-family homes, while another nine live in apartments. Total population of WRSP workers and dependents in the District is 90.

D. School District

Four school districts are within the impact region of the White River Shale Project. They are the Uintah School District, Duchesne School District, Rio Blanco (RE-4) School District, and the Moffatt County School District.

Shown below are the communities in the region, the number of school-aged children from households of WRSP employees, and a local/nonlocal designation:

NO. OF CHILDREN AGED 6-17

	Local	Nonlocal	Total
Uintah School District			
Jensen	4	4	8
Maeser	3	4	7
Naples	0	3	3
Vernal	5	17	22
Other Ashley Valley	5	17	22
Lapoint/Tridell	2	0	2
Duchesne School District			
Roosevelt	0	0	0
Rio Blanco School District			
Rangley	0	0	0
Moffatt County School District			
Dinosaur	1	0	1
No Response	0	2	2
Total	20	47	67

Table II

MARITAL STATUS OF LOCAL WORKERS
June 30, 1984

Current Residence	Single Workers	Married Workers	No Response	Total Local Work Force
Jensen	0	1	0	1
Maeser	0	2	0	2
Naples	0	2	0	2
Vernal	2	6	0	8
Other Ashley Valley	1	5	0	6
Lapoint/Tridell	1	1	0	2
Roosevelt	0	0	0	0
On-site	0	0	0	0
Dinosaur	1	1	0	2
Rangely	0	0	0	0
No Response	0	0	0	0
Total Local Work Force	5	18	0	23

Table III

MARITAL STATUS OF NONLOCAL WORKERS
June 30, 1984

Current Residence	Single Workers	Married Workers Spouse Not Living in the Area	Married Workers Spouse Living in the Area	Total Nonlocal Work Force
Jensen	0	0	3	3
Maeser	1	0	4	5
Naples	1	1	4	6
Vernal	6	4	23	33
Other Ashley Valley	3	1	20	24
Roosevelt	0	0	0	0
On-site	0	2	2	4
Dinosaur	0	0	1	1
Rangely	1	0	0	1
No Response	0	1	2	3
Total Nonlocal Work Force	12	9	59	80

Table IV

PREVIOUS EMPLOYMENT STATUS
June 30, 1984

	Previously Employed	Previously Unemployed	No Response	Total Work-Force
Local Workers Living in:				
Ashley Valley	15	6	0	21
Colorado	0	2	0	2
Other	0	0	0	0
No Response	0	0	0	0
Total Local Workers	15	8	0	23
Nonlocal Workers from:				
Utah	31	10	3	44
Outside Utah	17	13	3	33
Total Nonlocal Workers	47	23	6	76
No Response	1	1	1	3
Total	64	32	7	103

Table V

WORKERS' CHILDREN PRESENT, BY AGE GROUP
June 30, 1984

Number of Children Present

Current Residence	0-2 Years		3-5 Years		6-11 Years		12-17 Years		Total Children	
	Local	Non-Local	Local	Non-Local	Local	Non-Local	Local	Non-Local	Local	Non-Local
Jensen	0	0	1	1	2	3	2	1	5	5
Maeser	1	0	1	1	2	3	1	1	5	5
Naples	0	1	0	0	0	1	0	2	0	4
Vernal	4	11	2	8	4	11	1	6	11	36
Other Ashley Valley	1	0	1	9	3	8	2	9	7	26
LaPoint/Tridell	1	0	1	0	2	0	0	0	4	0
On-site	0	0	0	0	0	0	0	0	0	0
Roosevelt	0	0	0	0	0	0	0	0	0	0
Dinosaur	0	0	1	0	1	0	0	0	2	0
Rangely	0	0	0	0	0	0	0	0	0	0
No Response	0	0	0	0	0	2	0	0	0	2
Total Children Present	7	12	7	19	14	28	6	19	34	78

Table VI

HOUSING OF LOCAL VS. NONLOCAL WORKERS
June 30, 1984

Type of Housing	Local Workers	Nonlocal Workers	Total Work Force
Single Family Home	19	31	50
Apartment/Condominium	1	24	25
Mobile Home	3	16	19
Recreational Vehicle	0	6	6
Motel	0	1	1
Other	0	1	1
No Response	0	1	1
Total Work Force	23	80	103

Table VII

RESIDENCES OF LOCAL WORKERS
June 30, 1984

Current Residence	Single Family Home	Apartment/ Condominium	Mobile Home	Recreational Vehicle	Motel	No Response	Total Nonlocal Workers
Jensen	1	0	0	0	0	0	1
Maeser	2	0	0	0	0	0	2
Naples	2	0	0	0	0	0	2
Vernal	6	0	2	0	0	0	8
Other Ashley Valley	5	1	0	0	0	0	6
Lapoint/Tridell	2	0	0	0	0	0	2
Roosevelt	0	0	0	0	0	0	0
On-site	1	0	0	0	0	0	0
Dinosaur	0	0	1	0	0	0	2
Total Local Workers	19	1	3	0	0	0	23

Table VIII

RESIDENCES OF NONLOCAL WORKERS
June 30, 1984

Current Residence	Single Family Home	Apartment/ Condominium	Mobile Home	Recreational Vehicle	Motel	No Response	Total Nonlocal Workers
Jensen	1	0	2	0	0	0	3
Maeser	4	0	0	0	0	1	5
Naples	2	3	1	0	0	0	6
Vernal	9	12	9	1	1	1	33
Other Ashley Valley	13	8	3	0	0	0	24
On-site	0	0	4	0	0	0	4
Rangely	0	0	1	0	0	0	1
Dinosaur	1	0	0	0	0	0	1
No Response	1	1	0	1	0	0	3
Total Local Workers	31	24	16	6	1	2	80

TABLE IX
TOTAL EMPLOYEES AND DEPENDENTS
BY LOCALITY
June 30, 1984

Current Residence	Workers	Spouses	Children	Total
Jensen	4	4	11	19
Maeser	7	6	10	23
Naples	8	7	4	19
Vernal	41	29	55	125
Other Ashley Valley	30	25	35	90
Lapoint/Tridell	2	1	4	7
Roosevelt	0	0	0	0
On-site	4	2	1	7
Rangely	1	0	0	1
Dinosaur	3	2	4	9
No Response	3	2	2	7
Totals	103	78	126	307

IV. HOUSING MONITORING DATA

This section of the Monitoring Report presents occupancy rates, rental costs, and other data on housing in Ashley Valley. The monitoring of housing is an integral part of the White River Shale Project's housing strategy as stated in Section 3.5 of the WRSP Housing Master Plan.

A. Occupancy Rates and Rental Fees

The following categories of housing are being monitored by the White River Shale Oil Corporation: large apartment complexes, small apartment complexes, duplexes, mobile home parks, RV parks, existing housing presently for sale, condominiums, and motels. The data will be presented on an individual and composite basis for each of the housing projects monitored, and should be useful to WRSOC and the public and private sectors in their decision-making processes.

1. Large Apartment Complexes - A large apartment complex is defined as a rental complex with over 24 units and is managed as a complex. The Ashley Valley has 10 such apartment complexes with a total of 341 units. The monitoring data for the last two quarters are shown below:

		---2nd Quarter 1984---			---1st Quarter 1984---		
Complex	No. Units	No. Units Occupied	Rent Per Unit	Vacancy Rate	No. Units Occupied	Rent Per Unit	Vacancy Rate
1	24	24	$300	4%	23	$312	4%
2	28	25	$330	4%	27	$320	4%
3	40	23	$310	18%	33	$310	18%
4	32	29	$250	16%	27	$250	16%
5	40	28	$320	30%	17	$320	58%
6	44	44	$335	0%	44	$323	0%
7	26	26	$125	0%	26	$100	0%
8	31	28	$300	6%	29	$270	6%
9	28	28	$325	14%	24	$325	14%
10	48	38	$375	0%	48	$325	0%
Composite	341	293	$292	14%	298	$292	13%

NA - Not Available

2. Small Apartment Complexes - Small apartments are complexes that have between three and 23 units. A sample of seven such units have been selected for analysis. Different complexes will be selected each year to ensure a somewhat random sample. The data developed for these rental units are:

		---2nd Quarter 1984---			---1st Quarter 1983---		
Complex	No. Units	No. Units Occupied	Rent Per Unit	Vacancy Rate	No. Units Occupied	Rent Per Unit	Vacancy Rate
1	8	7	$350	13%	8	$338	0%
2	4	4	$300	0%	3	$325	25%
3	4	4	$275	0%	4	$300	0%
4	4	3	$300	25%	3	$325	25%
5	8	8	$315	0%	7	$315	13%
6	16	13	$200	19%	13	$200	19%
7	8	6	$250	25%	8	$290	0%
Composite	52	45	$270	13%	46	$280	12%

3. Mobile Home Parks - Monitoring was completed for all mobile home parks in the Ashley Valley having more than 100 spaces. The data generated by the survey is shown below:

		---2nd Quarter 1984----			---1st Quarter 1983---		
Mobile Home Parks	No. Spaces	No. Spaces Occupied	Rent Per Space	Vacancy Rate	No. Spaces Occupied	Rent Per Space	Vacancy Rate
1	173	125	$ 90	45%	95	$ 90	45%
2	168	78	130	48%	87	130	48%
3	180	12	100	93%	12	100	93%
4	120	100	115	8%	111	115	8%
Composite	641	305	$108	52%	305	$108	52%

4. Recreational Vehicle Parks - Only RV parks having more than 50 spaces are surveyed. At present, that includes two parks. The following data on RV parks have been developed:

RV Parks	No. Spaces	---2nd Quarter 1984---- No. Spaces Occupied	Rent Per Space	Vacancy Rate	----1st Quarter 1983---- No. Spaces Occupied	Rent Per Space	Vacancy Rate
1	140	20	$160	86%	24	$160	83%
2	110	16	$150	85%	11	$150	90%
Composite	260	36	$154	86%	35	$154	87%

5. Duplexes - Ten duplexes, or 20 units, have been selected for monitoring on a quarterly basis. Some changes in the sample will be made each quarter to provide a more complete cross section of the present rental market for duplexes. No effort is made to distinguish between size, rental fee, or quality in selecting the sample. The survey of 10 duplexes for this quarter shows the following:

Duplexes	No. Units	---2nd Quarter 1984--- No. Units Occupied	Avg. Rent Per Unit	Vacancy Rate	---1st Quarter 1983--- No. Units Occupied	Avg. Rent Per Unit	Vacancy Rate
10	20	18	$299	10%	19	$283	5%

6. Motel Rooms - During a project's construction period, motel and hotel rooms can be used for housing temporary construction workers. For that reason, WRSOC has selected and will be monitoring the occupancy rate of five motels/hotels in the Ashley Valley. Data will show average occupancy rates for weekdays and weekends for the last month of the

quarter and average daily rate per room. The information collected for the first and second quarters of 1984 are shown below:

		---2nd Quarter 1984---			----1st Quarter 1984---		
Hotels	Rooms	Week-Days*	Week-Ends**	Avg. Rate	Week-Days	Week-Ends	Avg. Rate
1	40	90%	80%	$30	75%	40%	$22
2	59	96%	87%	36	44%	20%	34
3	54	65%	35%	30	42%	21%	30
4	166	50%	37%	32	35%	17%	30
5	102	80%	50%	35	70%	35%	42
Composite	420	70%	51%	$33	50%	25%	$33

* Weekdays are Monday, Tuesday, Wednesday, and Thursday

** Weekends are Friday, Saturday and Sunday

B. Existing Housing for Sale

A significant factor in assessing the area's housing situation is the number of existing homes for sale. WRSOC has chosen to monitor this variable by compiling the number of listings of single-family homes held by four of the larger real estate companies in the Ashley Valley (ERA, Century 21, Realty-World, and Aspen Brook). While this method will not provide a total of existing homes for sale, it yields a meaningful barometer of the number and type of homes for sale in the Ashley Valley. The data for the last two quarters from each of the firms is:

	----------Single Family Homes----------							
	0-$59,999		$60,000 - $99,999		$100,000+		Mobile Homes	
	2nd Qtr	1st Qtr	2nd Qtr	1st Qtr	2nd Qtr	1st Qtr	2nd Qtr	1st Qtr
Realty-World	3	9	5	11	6	9	6	6
ERA	18	18	34	20	12	10	1	1
Century 21	31	30	57	60	20	14	6	9
Aspen Brook	36	30	35	39	21	20	3	3
Subtotal	88	87	131	130	59	53	16	19

A number of condominium projects have been constructed in the Vernal area. Projects that are being utilized as rental units are included as "Large Apartment Complexes." Shown below are the number of units available and the number of units occupied for the two local condominimum projects:

		---2nd Quarter 1984---		---1st Quarter 1984---	
Project	Units	No. Units Occupied	Vacancy Rate	No. Units Occupied	Vacancy Rate
1	48	1	98%	2	96%
2	24	1	96%	1	96%

C. Building Permit Activity

The current building activity in the Ashley Valley is another important element of the local housing situation. To monitor such activity, the report will include the number of building permits issued during the quarter by the public entities. Figures for the first and second quarters of 1984 are shown below:

	----2nd Quarter 1984-----			----1st Quarter 1984-----		
	Single Family	Mobile Home	Multi-Unit (No. Units)	Single Family	Mobile Home	Multi-Unit (No. Units)
Vernal City	2	47	0	2	29	0
Naples City	5	7	0	3	3	0
Unincorporated Uintah County	19	24	0	15	10	0
Total	26	80	0	29	91	44

SOURCE: City-County Planner's Office, Uintah County, Utah.
Naples City Office, Naples, Utah.
Vernal City Office, Vernal, Utah.

D. Conventional Mortgage Rates

A major component in the housing industry is the financing of a home by a buyer. To monitor this factor, financial institutions in the State of Utah will be contacted quarterly to determine interest rates on home mortgages.

The rates and limits on a conventional mortgage for a 30-year fixed payment mortgage are shown below for the four institutions:

Lending Institution	----2nd Quarter 1984---- Interest Rate	Loan Limit	----1st Quarter 1984---- Interest Rate	Loan Limit
1	15.0	$500,000	13.875	$500,000
2	15.28	114,000	13.875	108,300
3	14.75	114,000	13.5	114,000
4	15.0	Unlimited	13.875	Unlimited

The current FHA rate is 14.0% with 5.25 points.

V. OTHER SOCIOECONOMIC INFORMATION

In addition to population and demographic data generated by the WRSOC monitoring program, other socioeconomic information is relevant in considering the impact of industrial activities on public. This section of the report will provide current information on enrollments in the four local school districts, local unemployment rates, and federal mineral leasing revenues that accrue to the State of Utah. Other data or factors deemed appropriate may be included in this section in the future.

A. School Enrollments

Table X shows the student enrollment for individual schools and school districts that are located within the WRSP impact region. Enrollments for the last three years are shown, in addition to the capacity of each school.

B. Mineral Lease Revenues

Mineral leasing funds represent a portion of the money paid to the U.S. government for the leasing or production of minerals on federal lands and constitute a source of impact assistance for Uintah and Duchesne County entities. One-half of the money paid as mineral lease funds is returned to the state where such lands are located. In Utah, 32.5% of the state's share is appropriated by statute to the Community Impact Fund. Uintah County continues to lead all counties in Utah in the generation of mineral lease money as shown on Table XI.

C. Unemployment Rates

The unemployment rates for selected months in the Uintah Basin region are:

	Aug'83	Oct'83	Dec'83	Feb'84	Apr'84	June'84
Duchesne County	10.2	10.5	8.0	6.9	6.8	7.0
Uintah County	10.3	9.1	7.8	7.4	6.7	6.8
Rio Blanco County (CO)	7.0	6.1	6.8	7.7	7.4	NA
Moffatt County (CO)	10.2	10.0	11.8	13.0	11.6	NA

SOURCE: Utah Department of Employment Security, Colorado Department of Labor and Employment

Table X

DUCHESNE, UINTAH, AND RIO BLANCO COUNTY (RE-4) SCHOOL DISTRICTS' ENROLLMENT AND CAPACITY

	Enrollment			
	Fall 1981	Fall 1982	Fall 1983	Student Capacity
Uintah District				
Todd Elementary (Westside)	694	695	464	525
West Jr. High (Westside)	237	315	249	234
Ashley Elementary	567	538	552	582
Central Elementary	479	465	433	430
Davis Elementary	N/A	N/A	540	600
Discovery Elementary	630	654	567	587
Lapoint Elementary	N/A	N/A	439	600
Maeser Elementary	647	606	551	701
Naples Elementary	641	646	356	467
Vernal Jr. High	1,002	1,637*	1,597*	959
Uintah High School	791	860	878	922
Learning Center (Special Ed.)	84	90	81	67
Total	5,772	6,506	6,707	6,674
Duchesne District				
Altamont Elementary	387	395	381	332
Altamont High	241	252	276	289
Neola Elementary	251	272	281	435
Tabiona Elementary-High School	124	194	106	655
Duchesne Elementary	420	488	488	375
Duchesne High	303	324	334	416
Myton Elementary	226	241	249	569
ConAmore North (Special Ed.)	22	27	46	26
Roosevelt Elementary	298	345	359	367
East Elemetary (Roosevelt)	639	673	734	527
Roosevelt Jr. High	439	487	527	520
Union High (Roosevelt-Ballard)	595	567	580	600
Total	3,945	4,265	4,361	5,111
Rio Blanco District (RE-4)				
Rangely Elementary	239	320	326	450
Rangely Junior High	152	177	178	181
Rangely High School	150	208	215	380
Total	541	705	719	1011
Dinosaur Elementary**	61	108	79	175

N/A = Not Applicable

* In September of 1982, Vernal Junior High instituted double sessions. The morning session accommodates Grades 6-7, the afternoon accommodates Grades 8-9. The elementary schools in Ashley Valley, for the '82-83 school year, enrolled Grades K-5.

** Students in grades 7-12 from Dinosaur attend the Rangely Junior High and High Schools.

SOURCE: School district officials.

TABLE XI
MINERAL LEASE REVENUES
BY COUNTY

County	FY 1982*	% of Total	FY 1983**	% of Total	FY 1984***	% of Total
Uintah	$ 7,754,331	24.3	$10,649,274	29.5	$ 4,884,133	28.8
San Juan	3,101,738	16.9	4,459,168	12.3	2,228,482	13.1
Emery	2,907,779	15.8	4,325,102	12.0	2,743,316	16.2
Grand	1,903,840	10.4	3,377,523	9.3	1,401,722	8.3
Garfield	1,489,120	8.1	2,103,346	5.8	525,268	3.1
Carbon	1,484,176	8.1	1,611,109	4.5	911,662	5.4
Millard	1,268,073	6.9	1,364,592	3.8	622,371	3.7
Sevier	1,179,987	6.4	1,241,568	3.4	354,902	2.1
Tooele	791,256	4.3	1,188,500	3.3	341,047	2.0
Juab	731,944	4.0	730,026	2.0	409,434	2.4
Kane	663,318	3.6	686,247	1.1	319,741	1.9
Beaver	614,504	3.3	666,354	1.8	191,197	1.1
Iron	533,432	2.9	577,935	1.6	209,474	1.2
Washington	451,144	2.5	489,314	1.4	138,712	.8
Wayne	326,663	1.8	467,129	1.3	175,064	1.0
Duchesne	313,036	1.7	419,091	1.2	536,100	3.2
Box Elder	311,013	1.7	380,584	1.1	115,711	.7
Utah	196,474	1.1	328,371	0.9	80,933	.5
Summit	171,204	.9	282,618	0.8	356,688	2.1
Daggett	164,247	.9	201,872	0.6	160,794	.9
Piute	141,147	.8	176,909	0.5	64,298	.4
San Pete	91,922	.5	129,306	0.4	79,857	.5
Wasatch	89,008	.5	91,613	0.3	45,521	.2
Rich	86,495	.5	80,563	0.2	18,090	.1
Cache	85,524	.5	74,729	0.2	55,517	.3
Morgan	16,568	--	17,208	--	4,866	--
Weber	10,923	--	11,417	--	4,811	--
Salt Lake	10,408	--	10,776	--	5,402	--
Davis	469	--	464	--	2	--
Undistributed	772	--				
TOTAL	$26,890,535		$36,142,708		$16,985,115	

* Includes receipts from BLM dated 11/30/81 and 5/6/82 which fall within the Utah Fiscal year 1982.

** Includes receipts from BLM dated 11/19/82 and 5/10/83 which fall within the Utah Fiscal Year 1983.

*** Includes partial receipts from BLM for the second half of 1983.

SOURCE: State of Utah Division of Finance, BLM Records for Mineral Leasing Act Payments.

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